BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of Work: Maintenance of water supply schemes in ward no. 05, Byatarayanaprua sub division.

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
1	20	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.	850	
2	20	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.	900	
3	20	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	550	
4	5	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work For 12.5HP motor	No.	4750	
5	15	For 15HP Motor	No.	3225	
6	20	Starter (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	5050	
7	20	Rotor (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	4700	
8	300	Pump Bowls P No. 44 / I No. 10.2.1) APRED SR (2010-11)	No.	650	
9	15	Intermediate Piece (I.P) With IP Leaded Bronxe bush P No. 44 / I No. 10.2.2) APRED SR (2010-11)	No.	450	
10	20	Upper Flange etc., complete and as per the directions of the Engineer-in-charge of the work	No.	350	
11	20	Lower Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	650	
12	20	Carbon Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	475	
13	20	Thrust bearing block assembly complete with Segment bearing pad.etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1150	
	20	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal etc., complete and as per the directions of the Engineer-in-charge of the work	No.	125	
14	20	Oil Seal Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	150	
15	400	Guide vane etc., complete and as per the directions of the Engineer-in-charge of the work	No.	175	
16	400	Impeller Shell moulded with aluminium Bronze) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	425	
17	20	Discharge outlet (D.O) Bearing D.O Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	445	

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18	10	D.O Bearing P. No. 44 / I No. 10.2.7 PRED SR (2010-11)	No.	250	
19	[redacted]0	Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	150	
20	40	Allen Screw P. No.44 / I No. 10.2.9 RDPR SR (2010-11)	No.	25	
21	20	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	950	
22	20	Pump Key (Stainless Steel) P. No. 45 / I No. 10.2.11 RDED SR (2010-11)	No.	125	
23	10	Pump Couping (Stainless Steel) P. No. 44 / I No. 10.2.12 RDED SR (2010-11)	No.	250	
24	20	Non – return valve (NRV) assembly complete with rubber 'O' Ring etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1350	
25	20	Cable Guard etc., complete and as per the directions of the Engineer-in-charge of the work	No.	150	
26	20	Strainer P. No. 45 / I No. 10.2.15 RDED SR (2010-11)	No.	150	
27	20	Brass Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.	250	
28	20	Labour Chargesw (Over Hauling Only) P. No. 45 / I No. 10.2.18 PRED SR (2010-11)	No.	150	
29	20	Re-erection charges of pumping machineries including overhauling and pointing etc., complete and as per the directions of the Engineer-in-charge of the work	Each	950	
30	50	Lock Ring P. No. 45 / I No. 10.3.11 PREC SR (2010-11)	Each	75	
31	20	a) Carbon Housing P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)	Each	450	
32	20	Top Carbon/Ferrodo padding P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)	Each	75	
33	50	Stud and Nuts P. No. 45 / I No. 10.3.15 PRED SR (2010-11)	Each	50	
34	20	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)	Each	375	
35	50	Circillps P. No. 45 / I No. 10.3.17 PREC SR (2010-11)	Each	50	
36	20	Motor Base With Pin P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)	Each	450	
37	2	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. etc., complete and as per the directions of the Engineer-in-charge of the work	No	75541.17	

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38	1	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	14800	
39	22000	suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm	sqm	0.34	
40	1000	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) 4 Sqm mm of 56 strands 0.3mm dia Group - A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	185	
41	506.25	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	223.66	
42	1500	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	352.98	
43	506.25	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	59.36	
44	9	wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	1582.58	

Signature of the Contractor

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ಶಿದ್ಧುಪಡಿಗಳ ಸಂಖ್ಯೆ.....(N.I.L)
ಶಿದ್ಧುಪಡಿ ಮಾಡಿ/ಇಳ್ಳದೆ
ಅನುಮೋದನೆ ನೀಡಿರುವುದೆ

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